

```
HIGHLIGHT set on as ''
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? begin 5,73,155,399
    09aug09 08:33:43 User208760 Session D3084.2
        $0.00      0.119 DialUnits File410
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    $0.03  Estimated cost this search
    $0.64  Estimated total session cost      0.289 DialUnits
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SYSTEM:OS - DIALOG OneSearch
File 5:Biosis Previews(R) 1926-2009/Aug W1
    (c) 2009 The Thomson Corporation
File 73:EMBASE 1974-2009/Aug 05
    (c) 2009 Elsevier B.V.
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\*File 73: EMBASE Classic available to all Dialog customers.

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File 155:MEDLINE(R) 1950-2009/Aug 06
 (c) format only 2009 Dialog

File 399:CA SEARCH(R) 1967-2009/UD=15106
 (c) 2009 American Chemical Society

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IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

Set	Items	Description
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? e au=sackstein robert ?

Ref	Items	Index-term
E1	2	AU=SACKSTEIN R.D.
E2	146	AU=SACKSTEIN ROBERT
E3	0	*AU=SACKSTEIN ROBERT ?
E4	1	AU=SACKSTEIN ROBERT D
E5	2	AU=SACKSTEIN ROBERTO
E6	6	AU=SACKSTEIN, R.
E7	47	AU=SACKSTEIN, ROBERT
E8	1	AU=SACKSTEIN, ROBERTO
E9	2	AU=SACKSTEM R
E10	111	AU=SACKSTON W E
E11	1	AU=SACKSTON WALLY E
E12	9	AU=SACKSTON, W. E.

Enter P or PAGE for more

? s e1-e7
 2 AU=SACKSTEIN R.D.
 146 AU=SACKSTEIN ROBERT
 0 AU=SACKSTEIN ROBERT ?
 1 AU=SACKSTEIN ROBERT D
 2 AU=SACKSTEIN ROBERTO
 6 AU=SACKSTEIN, R.
 47 AU=SACKSTEIN, ROBERT

S1 204 E1-E7

? s1 and (hcell or cd44H)
 204 S1
 52 HCELL
 526 CD44H
 S2 34 S1 AND (HCELL OR CD44H)
? rd s2
 S3 21 RD S2 (unique items)
? t s3/3/all

3/3/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0021105732 BIOSIS NO.: 200900447169  
Glycosyltransferase-programmed stereosubstitution (GPS) to create  
HCELL: engineering a roadmap for cell migration  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Harvard Inst Med,  
77 Ave Louis Pasteur, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: Rsackstein@rics.bwh.harvard.edu  
JOURNAL: Immunological Reviews 230 p51-74 JUL 2009 2009  
ISSN: 0105-2896  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0020748158 BIOSIS NO.: 200900088492  
Programming Stem Cell Migration: "Steering" Regenerative Therapeutics by Ex  
Vivo Glycan Engineering of HCELL  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Brigham and Womens Hosp, Sch Med, Boston, MA  
02115 USA\*\*USA  
JOURNAL: Glycobiology 18 (11): p949 NOV 2008 2008  
CONFERENCE/MEETING: Annual Meeting of the Society-for-Glycobiology Ft  
Worth, TX, USA November 12 -15, 2008; 20081112  
SPONSOR: Soc Glycobiol  
ISSN: 0959-6658  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

3/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0020439296 BIOSIS NO.: 200800486235  
Colon carcinoma cells express multiple glycoforms of CD44: Structural  
biology of HCELL  
AUTHOR: Burdick Monica M (Reprint); Silvescu Cristina; Sackstein  
Robert  
AUTHOR ADDRESS: Ohio Univ, Athens, OH 45701 USA\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 49 p463 APR 2008 2008  
CONFERENCE/MEETING: 99th Annual Meeting of the  
American-Association-for-Cancer-Research San Diego, CA, USA April 12 -16,  
2008; 20080412  
SPONSOR: Amer Assoc Canc Res  
ISSN: 0197-016X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

3/3/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0020430682 BIOSIS NO.: 200800477621  
L-selectin-mediated lymphocyte-cancer cell interactions under low fluid  
shear conditions  
AUTHOR: Resto Vicente A; Burdick Monica M; Daga Nilesh M; McCammon Susan D  
; Fennewald Susan M; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Skin Dis Res Ctr, 77 Ave Louis Pasteur, Rm  
671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Biological Chemistry 283 (23): p15816-15824 JUN 6 2008  
2008  
ITEM IDENTIFIER: doi:10.1074/jbc.M708899200  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0020168552 BIOSIS NO.: 200800215491  
Ex vivo glycan engineering of membrane CD44 to create HCELL programs  
human mesenchymal stem cell trafficking to bone  
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W;  
Daga Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland  
AUTHOR ADDRESS: Brigham and Womens Hosp, Harvard Med Sch, Boston, MA 02115  
USA\*\*USA  
JOURNAL: Blood 110 (11, Part 1): p72A NOV 16 2007 2007  
CONFERENCE/MEETING: 49th Annual Meeting of the  
American-Society-of-Hematology Atlanta, GA, USA December 08 -11, 2007;  
20071208  
SPONSOR: Amer Soc Hematol  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0020118956 BIOSIS NO.: 200800165895  
Ex vivo glycan engineering of CD44 programs human multipotent mesenchymal  
stromal cell trafficking to bone  
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W;  
Daga Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, 75 Francis St,  
Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Nature Medicine 14 (2): p181-187 FEB 2008 2008  
ITEM IDENTIFIER: doi:10.1038/nm1703  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0019598682 BIOSIS NO.: 200700258423  
HCELL is the major E- and L-selectin ligand expressed on human  
hematopoietic progenitor cells and colon carcinoma cells.  
AUTHOR: Chu Julia T (Reprint); Burdick Monica M; Sackstein Robert  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Med, Boston, MA 02115 USA\*\*  
USA  
JOURNAL: Blood 108 (11, Part 1): p477A-478A NOV 16 2006 2006  
CONFERENCE/MEETING: 48th Annual Meeting of the  
American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006;  
20061209  
SPONSOR: Amer Soc Hematol  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Poster  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

19372124 BIOSIS NO.: 200700031865  
G-CSF induces E-selectin ligand expression on human myeloid cells  
AUTHOR: Dagia Nilesh M; Gadhoun Samah Z; Knoblauch Christine A; Spencer  
Joel A; Zamiri Parisa; Lin Charles P; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Sch Med, Brigham and Womens Hosp, Dept  
Dermatol, 77 Ave Louis Pasteur, Room 671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Nature Medicine 12 (10): p1185-1190 OCT 2006 2006  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

19252010 BIOSIS NO.: 200600597405  
Expression of HCELL confers shear-resistant E- and L-selectin ligand  
activity on colon carcinoma cells  
AUTHOR: Burdick Monica M (Reprint); Chu Julia T; Knoblauch Christine A;  
Sackstein Robert  
AUTHOR ADDRESS: Brigham and Womens Hosp, Boston, MA 02115 USA\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 47 p801 APR 2006 2006  
CONFERENCE/MEETING: 97th Annual Meeting of the  
American-Association-for-Cancer-Research (AACR) Washington, DC, USA April  
01 -05, 2006; 20060401  
SPONSOR: Amer Assoc Canc Res  
ISSN: 0197-016X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

3/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

19125608 BIOSIS NO.: 200600471003  
HCELL is the major E- and L-selectin ligand expressed on LS174T colon carcinoma cells  
AUTHOR: Burdick Monica M; Chu Julia T; Godar Samuel; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Inst Med, 77 Ave Louis Pasteur, Rm 671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Biological Chemistry 281 (20): p13899-13905 MAY 19 2006 2006  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

19001424 BIOSIS NO.: 200600346819  
Comparative analysis of sialomucin and glycolipid E-selectin ligand activities: Effects of HCELL knockdown  
AUTHOR: Burdick Monica M (Reprint); Chu Julia T; Knoblauch Christine A; Sackstein Robert  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Boston, MA 02115 USA\*\*USA  
JOURNAL: Glycobiology 15 (11): p1249 NOV 2005 2005  
CONFERENCE/MEETING: Meeting of the Society-for-Glycobiology Boston, MA, USA November 09-12, 2005; 20051109  
SPONSOR: Soc Glycobiol  
ISSN: 0959-6658  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

3/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18669741 BIOSIS NO.: 200600015136  
CD44 on LS174T colon carcinoma cells possesses E-selectin ligand activity  
AUTHOR: Hanley William D; Burdick Monica M; Konstantopoulos Konstantinos; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Inst Med, 77 Ave Louis Pasteur, Room 671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu  
JOURNAL: Cancer Research 65 (13): p5812-5817 JUL 1 2005 2005  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

18075717 BIOSIS NO.: 200400443636  
The bone marrow is akin to skin: HCELL and the biology of  
hematopoietic stem cell homing  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Inst Med, Harvard Univ, 77 Ave Louis Pasteur, Room 671,  
Boston, MA, 02115, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Investigative Dermatology Symposium Proceedings 9 (3):  
p215-223 September 2004 2004  
MEDIUM: print  
ISSN: 1087-0024 -(ISSN print)  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

17794738 BIOSIS NO.: 200400162079  
CD44/HCELL is an E- and L-selectin ligand on murine hematopoietic  
progenitor cells.  
AUTHOR: Cain Derek W (Reprint); Schreiber Taylor H (Reprint); Dimitroff  
Charles J (Reprint); Chung Christine (Reprint); Otero Jaclyn (Reprint);  
Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital,  
Harvard Medical School, Boston, MA, USA\*\*USA  
JOURNAL: Blood 102 (11): p180b November 16, 2003 2003  
MEDIUM: print  
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of  
Hematology San Diego, CA, USA December 06-09, 2003; 20031206  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/15 (Item 15 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

16627075 BIOSIS NO.: 200200220586  
Homing and hematopoiesis: HCELL is the principal E-selectin and  
L-selectin ligand of human hematopoietic stem cells  
AUTHOR: Sackstein Robert (Reprint); Dimitroff Charles J (Reprint);  
Lee Jack Y (Reprint); Fuhlbrigge Robert C (Reprint); Parmar Kalindi,  
Mauch Peter M; Sandmaier Brenda M  
AUTHOR ADDRESS: Dermatology and Medicine, Brigham and Women's Hospital,  
Boston, MA, USA\*\*USA  
JOURNAL: Blood 98 (11 Part 1): p710a November 16, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of  
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract  
LANGUAGE: English

3/3/16 (Item 16 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16567681 BIOSIS NO.: 200200161192  
Differential L-selectin binding activities of human hematopoietic cell  
L-selectin ligands, HCELL and PSGL-1  
AUTHOR: Dimitroff Charles J; Lee Jack Y; Schor Kenneth S; Sandmaier Brenda  
M; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Institutes of Medicine, Harvard Skin Disease  
Research Center, 77 Ave. Louis Pasteur, Boston, MA, 02115, USA\*\*USA  
JOURNAL: Journal of Biological Chemistry 276 (50): p47623-47631 December  
14, 2001 2001  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/17 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

148198515 CA: 148(9)198515n PATENT  
A method of modulating expression of selectin ligands on cells by  
modulating cytokine induction of glycosylation enzymes, and uses thereof  
INVENTOR(AUTHOR): Sackstein, Robert  
LOCATION: USA  
PATENT: PCT International ; WO 200811094 A2 DATE: 20080124  
APPLICATION: WO 2007US16352 (20070718) \*US 2006PV831525 (20060718)  
PAGES: 61pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:  
IPC8 + Level Value Position Status Version Action Source Office:  
C12N-0005/06 A I F B 20060101 H EP  
A61K-0038/19 A I L B 20060101 H EP  
A61K-0038/20 A I L B 20060101 H EP  
A61K-0038/17 A I L B 20060101 H EP  
A61K-0039/395 A I L B 20060101 H EP  
A61P-0029/00 A I L B 20060101 H EP  
A61P-0035/00 A I L B 20060101 H EP  
A61P-0009/10 A I L B 20060101 H EP  
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW;  
BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP;  
KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY;  
MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK;  
SL; SM; SV; SY; TJ; TM; TR; TT; TZ DESIGNATED REGIONAL: AT; BE; BG; CH;  
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;  
MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GO; GW;  
ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG;  
ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

3/3/18 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

145342289 CA: 145(17)342289z PATENT  
HCELL (hematopoietic cell E-selectin/L-selectin ligand) glycoforms of CD44, a method of increasing the stem cell affinity for selectin, and therapeutic uses

INVENTOR(AUTHOR): Sackstein, Robert  
LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20060210558 A1 DATE: 20060921  
APPLICATION: US 2005272453 (20051110) \*US 2000PV240987 (20001018) \*US 2001PV297474 (20010611) \*US 200142421 (20011018) \*US 2004PV627464 (20041112) \*US 2005PV673982 (20050422)

PAGES: 70pp., Cont.-in-part of U.S. Ser. No. 42,421. CODEN: USXXCO  
LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS:	424140100	IPC8 / Level	Value	Position	Status	Version	Action	Source	Office:
A61K-0039/00	A	I	F	B	20060101	20060921	H	US	
A61K-0039/395	A	I	L	B	20060101	20060921	H	US	
C12N-0005/08	A	I	L	B	20060101	20060921	H	US	
C07K-0014/705	A	I	L	B	20060101	20060921	H	US	

3/3/19 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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145096397 CA: 145(6)96397w PATENT  
CD44 glycoforms HCELLs (hematopoietic cell E-selectin/L-selectin ligands), and uses for isolating stem cells and treating and diagnosing disorders

INVENTOR(AUTHOR): Sackstein, Robert  
LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200668720 A2 DATE: 20060629  
APPLICATION: WO 2005US40652 (20051110) \*US 200142421 (20011018) \*US 2004PV627464 (20041112) \*US 2005PV673982 (20050422)

PAGES: 137 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS:	424140100	IPC8 / Level	Value	Position	Status	Version	Action	Source	Office:
A61K-0048/00	A	I	F	B	20060101		H	US	
DESIGNATED COUNTRIES:	AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA	DESIGNATED REGIONAL:	AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM						

3/3/20 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142480790 CA: 142(26)480790v PATENT  
Antibodies to HCELL glycoform of CD44

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200546597 A2 DATE: 20050526  
APPLICATION: WO 2004US37138 (20041108) \*US 2003PV518353 (20031107)  
PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASSIFICATIONS:

CLASS: A61K-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ  
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;  
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; MC;  
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;  
MR; NE; SN; TD; TG

3/3/21 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

137017447 CA: 137(2)17447w PATENT

Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods  
of use thereof

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200244342 A2 DATE: 20020606

APPLICATION: WO 2001US51014 (20011018) \*US PV240987 (20001018) \*US  
PV297474 (20010611)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-000/A

DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK  
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR  
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Processing

204 S1  
27325 CD44  
14 KGLA  
505 HECA  
10109 452  
452 HECA(W)452  
2883652 L  
51021 SELECTIN  
12760 L(W)SELECTIN  
5414 CD62L  
12593 LAM  
13928083 1  
383 LAM(W)1  
1383 (CD44 OR KGLA)(20N) ((HECA(W)452 OR L(W)SELECTIN) OR  
CD62L) OR LAM(W)1  
S4 35 S1 AND (CD44 OR KGLA)(20N) (HECA(W)452 OR L(W)SELECTIN OR  
CD62L OR LAM(W)1)

? rd s4

S5 21 RD S4 (unique items)

? t s5/3/all

5/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0021105732 BIOSIS NO.: 200900447169  
Glycosyltransferase-programmed stereosubstitution (GPS) to create HCELL:  
engineering a roadmap for cell migration  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Harvard Inst Med,  
77 Ave Louis Pasteur, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Immunological Reviews 230 p51-74 JUL 2009 2009  
ISSN: 0105-2896  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0020118956 BIOSIS NO.: 200800165895  
Ex vivo glycan engineering of CD44 programs human multipotent mesenchymal  
stromal cell trafficking to bone  
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W;  
Dagia Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, 75 Francis St,  
Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Nature Medicine 14 (2): p181-187 FEB 2008 2008  
ITEM IDENTIFIER: doi:10.1038/nm1703  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

0019598682 BIOSIS NO.: 200700258423  
HCELL is the major E- and L-selectin ligand expressed on human  
hematopoietic progenitor cells and colon carcinoma cells.  
AUTHOR: Chu Julia T (Reprint); Burdick Monica M; Sackstein Robert  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Med, Boston, MA 02115 USA\*\*  
USA  
JOURNAL: Blood 108 (11, Part 1): p477A-478A NOV 16 2006 2006  
CONFERENCE/MEETING: 48th Annual Meeting of the  
American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006;  
20061209  
SPONSOR: Amer Soc Hematol  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Poster  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19125608 BIOSIS NO.: 200600471003

HCELL is the major E- and L-selectin ligand expressed on LS174T colon carcinoma cells  
AUTHOR: Burdick Monica M; Chu Julia T; Godar Samuel; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Inst Med, 77 Ave Louis Pasteur,Rm 671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Biological Chemistry 281 (20): p13899-13905 MAY 19 2006  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18842637 BIOSIS NO.: 200600188032  
Variant isoforms of CD44 are P- and L-selectin ligands on colon carcinoma cells  
AUTHOR: Hanley William D; Napier Susan L; Burdick Monica M; Schnaar Ronald L; Sackstein Robert; Konstantopoulos Konstantinos (Reprint)  
AUTHOR ADDRESS: Johns Hopkins Univ, Dept Chem and Biomol Engn, 3400 N Charles St, Baltimore, MD 21218 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu  
JOURNAL: FASEB Journal 19 (14): DEC 2005 2005  
ISSN: 0892-6638  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18669741 BIOSIS NO.: 200600015136  
CD44 on LS174T colon carcinoma cells possesses E-selectin ligand activity  
AUTHOR: Hanley William D; Burdick Monica M; Konstantopoulos Konstantinos; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Inst Med, 77 Ave Louis Pasteur,Room 671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu  
JOURNAL: Cancer Research 65 (13): p5812-5817 JUL 1 2005 2005  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18075717 BIOSIS NO.: 200400443636  
The bone marrow is akin to skin: HCELL and the biology of hematopoietic stem cell homing  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Inst Med, Harvard Univ, 77 Ave Louis Pasteur,Room 671,

Boston, MA, 02115, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Investigative Dermatology Symposium Proceedings 9 (3):  
p215-223 September 2004 2004  
MEDIUM: print  
ISSN: 1087-0024 \_(ISSN print)  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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17801832 BIOSIS NO.: 200400172589  
G-CSF mobilization radically upregulates alpha-1,3-fucosyltransferases-4  
and -7 generating high avidity E-selectin ligands on circulating  
nucleated cells.  
AUTHOR: Schreiber Taylor H (Reprint); Cain Derek W (Reprint); Dimitroff  
Charles J (Reprint); Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital,  
Harvard Medical School, Boston, MA, USA\*\*USA  
JOURNAL: Blood 102 (11): p115a November 16, 2003 2003  
MEDIUM: print  
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of  
Hematology San Diego, CA, USA December 06-09, 2003; 20031206  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2009 The Thomson Corporation. All rts. reserv.

17794738 BIOSIS NO.: 200400162079  
CD44/HCELL is an E- and L-selectin ligand on murine  
hematopoietic progenitor cells.  
AUTHOR: Cain Derek W (Reprint); Schreiber Taylor H (Reprint); Dimitroff  
Charles J (Reprint); Chung Christine (Reprint); Otero Jaclyn (Reprint);  
Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital,  
Harvard Medical School, Boston, MA, USA\*\*USA  
JOURNAL: Blood 102 (11): p180b November 16, 2003 2003  
MEDIUM: print  
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of  
Hematology San Diego, CA, USA December 06-09, 2003; 20031206  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16627075 BIOSIS NO.: 200200220586  
Homing and hematopoiesis: HCELL is the principal E-selectin and L-selectin  
ligand of human hematopoietic stem cells  
AUTHOR: Sackstein Robert (Reprint); Dimitroff Charles J (Reprint);  
Lee Jack Y (Reprint); Fuhlbrigge Robert C (Reprint); Parmar Kalindi;  
Mauch Peter M; Sandmaier Brenda M  
AUTHOR ADDRESS: Dermatology and Medicine, Brigham and Women's Hospital,  
Boston, MA, USA\*\*USA  
JOURNAL: Blood 98 (11 Part 1): p710a November 16, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of  
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16567681 BIOSIS NO.: 200200161192  
Differential L-selectin binding activities of human hematopoietic cell  
L-selectin ligands, HCELL and PSGL-1  
AUTHOR: Dimitroff Charles J; Lee Jack Y; Schor Kenneth S; Sandmaier Brenda  
M; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Institutes of Medicine, Harvard Skin Disease  
Research Center, 77 Ave. Louis Pasteur, Boston, MA, 02115, USA\*\*USA  
JOURNAL: Journal of Biological Chemistry 276 (50): p47623-47631 December  
14, 2001 2001  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16299526 BIOSIS NO.: 200100471365  
CD44 is the primary L-selectin ligand on human leukemias  
AUTHOR: Dimitroff Charles J (Reprint); Schor Kenneth (Reprint); Lee Jack Y  
(Reprint); Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Brigham and Women's Hospital, Harvard Medical School,  
Boston, MA, USA\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 42 p298 March, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for  
Cancer Research New Orleans, LA, USA March 24-28, 2001; 20010324  
ISSN: 0197-016X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

5/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)  
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15896636 BIOSIS NO.: 200100068475  
A distinct glycoform of CD44 is an L-selectin ligand on  
human hematopoietic cells  
AUTHOR: Dimitroff Charles J; Lee Jack Y; Fuhlbrigge Robert C; Sackstein  
Robert (Reprint)  
AUTHOR ADDRESS: Harvard Institutes of Medicine, 77 Avenue Louis Pasteur,  
Room 671, Boston, MA, 02115, USA\*\*USA  
JOURNAL: Proceedings of the National Academy of Sciences of the United  
States of America 97 (25): p13841-13846 December 5, 2000 2000  
MEDIUM: print  
ISSN: 0027-8424  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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12704186 BIOSIS NO.: 199598172019  
The effects of corticosteroids on lymphocyte recirculation in humans:  
Analysis of the mechanism of impaired lymphocyte migration to lymph node  
following methylprednisolone administration  
AUTHOR: Sackstein Robert (Reprint); Borenstein Michael  
AUTHOR ADDRESS: H Lee Moffitt Cancer Cent., 12902 Magnolia Drive., Tampa, FL  
33612, USA\*\*USA  
JOURNAL: Journal of Investigative Medicine 43 (1): p68-77 1995 1995  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

5/3/15 (Item 1 from file: 155)  
DIALOG(R)File 155: MEDLINE(R)  
(c) format only 2009 Dialog. All rts. reserv.

17462651 PMID: 16980970  
G-CSF induces E-selectin ligand expression on human myeloid cells.  
Dagia Nilesh M; Gadhoum Samah Z; Knoblauch Christine A; Spencer Joel A;  
Zamiri Parisa; Lin Charles P; Sackstein Robert  
Department of Dermatology, Brigham & Women's Hospital, 77 Avenue Louis  
Pasteur, Room 671, Harvard Medical School, Boston, Massachusetts 02115,  
USA.  
Nature medicine (United States) Oct 2006, 12 (10) p1185-90, ISSN  
1078-8956--Print Journal Code: 9502015  
Contract/Grant No.: R01 EB000664; EB; NIBIB NIH HHS United States; R01  
HL060528; HL; NHLBI NIH HHS United States; R01 HL073714; HL; NHLBI NIH HHS  
United States  
Publishing Model Print-Electronic  
Document type: Journal Article; Research Support, N.I.H., Extramural;  
Research Support, Non-U.S. Gov't  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

5/3/16 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

148198515 CA: 148(9)198515n PATENT

A method of modulating expression of selectin ligands on cells by modulating cytokine induction of glycosylation enzymes, and uses thereof  
INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

PATENT: PCT International ; WO 200811094 A2 DATE: 20080124

APPLICATION: WO 2007US16352 (20070718) \*US 2006PV831525 (20060718)

PAGES: 61pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPC/R/8 + Level Value Position Status Version Action Source Office:

C12N-0005/06	A	I	F	B	20060101	H	EP
A61K-0038/19	A	I	L	B	20060101	H	EP
A61K-0038/20	A	I	L	B	20060101	H	EP
A61K-0038/17	A	I	L	B	20060101	H	EP
A61K-0039/395	A	I	L	B	20060101	H	EP
A61P-0029/00	A	I	L	B	20060101	H	EP
A61P-0035/00	A	I	L	B	20060101	H	EP
A61P-0009/10	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MN; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

5/3/17 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

145342289 CA: 145(17)342289z PATENT

HCELL (hematopoietic cell E-selectin/L-selectin ligand) glycoforms of CD44, a method of increasing the stem cell affinity for selectin, and therapeutic uses

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20060210558 A1 DATE: 20060921

APPLICATION: US 2005272453 (20051110) \*US 2000PV240987 (20001018) \*US 2001PV297474 (20010611) \*US 200142421 (20011018) \*US 2004PV627464 (20041112) \*US 2005PV673982 (20050422)

PAGES: 70pp., Cont.-in-part of U.S. Ser. No. 42,421. CODEN: USXXCO

LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 424140100

IPC/R/8 + Level Value Position Status Version Action Source Office:

A61K-0039/00	A	I	F	B	20060101	20060921	H	US
A61K-0039/395	A	I	L	B	20060101	20060921	H	US
C12N-0005/08	A	I	L	B	20060101	20060921	H	US
C07K-0014/705	A	I	L	B	20060101	20060921	H	US

5/3/18 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)  
(c) 2009 American Chemical Society. All rts. reserv.

145096397 CA: 145(6)96397w PATENT  
CD44 glycoforms HCELLs (hematopoietic cell E-selectin/L-selectin ligands), and uses for isolating stem cells and treating and diagnosing disorders

INVENTOR(AUTHOR): Sackstein, Robert  
LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200668720 A2 DATE: 20060629

APPLICATION: WO 2005US40652 (20051110) \*US 200142421 (20011018) \*US 2004PV627464 (20041112) \*US 2005PV673982 (20050422)

PAGES: 137 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPC/R/8 + Level Value Position Status Version Action Source Office:  
A61K-0048/00 A I F B 20060101 H US

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; NA; NG; NI; NO; NZ; OM; PG; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

5/3/19 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142480790 CA: 142(26)480790v PATENT

Antibodies to HCELL glycoform of CD44

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200546597 A2 DATE: 20050526

APPLICATION: WO 2004US37138 (20041108) \*US 2003PV518353 (20031107)

PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NA; NI; NO; NZ; OM; PG; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/20 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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139143939 CA: 139(10)143939n PATENT

Preparation of fluorinated glucosamine analogs that inhibit cell migration and inflammation

INVENTOR(AUTHOR): Sackstein, Robert; Dimitroff, Charles J.; Bernacki,

Ralph J.; Sharma, Moheswar; Matta, Khushi L.; Paul, Brajeswar

LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20030148997 A1 DATE: 20030807

APPLICATION: US 305812 (20021126) \*US PV334151 (20011128)

PAGES: 37 pp. CODEN: USXXCO LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 514062000; A61K-031/7008A; A61K-031/573B; A61K-031/415B;  
A61K-031/192B

5/3/21 (Item 6 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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137017447 CA: 137(2)17447w PATENT

Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods  
of use thereof

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200244342 A2 DATE: 20020606

APPLICATION: WO 2001US51014 (20011018) \*US PV240987 (20001018) \*US  
PV297474 (20010611)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-000/A

DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK  
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR  
? ds

Set Items Description

S1 204 E1-E7

S2 34 S1 AND (HCELL OR CD44H)

S3 21 RD S2 (unique items)

S4 35 S1 AND (CD44 OR KGLA) (20N) (HECA(W)452 OR L(W)SELECTIN OR C-  
D62L OR LAM(W)1)

S5 21 RD S4 (unique items)

? s (hcell or cd44H)

52 HCELL

526 CD44H

S6 576 (HCELL OR CD44H)

? s (hcell or cd44H) (20n) (heca(W)452 or l(w)selectin or lam(1) or cd62L)

52 HCELL

526 CD44H

505 HECA

10109 452

452 HECA(W)452

2883652 L

51021 SELECTIN

12760 L(W)SELECTIN

0 LAM(1)

5414 CD62L

S7 38 (HCELL OR CD44H) (20N) (HECA(W)452 OR L(W)SELECTIN OR  
LAM(1) OR CD62L)

? rd s7

S8 19 RD S7 (unique items)

? t s8/3/all

8/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0021105732 BIOSIS NO.: 200900447169  
Glycosyltransferase-programmed stereosubstitution (GPS) to create HCELL:  
engineering a roadmap for cell migration  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Harvard Inst Med,  
77 Ave Louis Pasteur, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: Rsackstein@rics.bwh.harvard.edu  
JOURNAL: Immunological Reviews 230 p51-74 JUL 2009 2009  
ISSN: 0105-2896  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/2 (Item 2 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0020748158 BIOSIS NO.: 200900088492  
Programming Stem Cell Migration: "Steering" Regenerative Therapeutics by Ex  
Vivo Glycan Engineering of HCELL  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Brigham and Womens Hosp, Sch Med, Boston, MA  
02115 USA\*\*USA  
JOURNAL: Glycobiology 18 (11): p949 NOV 2008 2008  
CONFERENCE/MEETING: Annual Meeting of the Society-for-Glycobiology Ft  
Worth, TX, USA November 12 -15, 2008; 20081112  
SPONSOR: Soc Glycobiol  
ISSN: 0959-6658  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0020439296 BIOSIS NO.: 200800486235  
Colon carcinoma cells express multiple glycoforms of CD44: Structural  
biology of HCELL  
AUTHOR: Burdick Monica M (Reprint); Silvescu Cristina; Sackstein Robert  
AUTHOR ADDRESS: Ohio Univ, Athens, OH 45701 USA\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 49 p463 APR 2008 2008  
CONFERENCE/MEETING: 99th Annual Meeting of the  
American-Association-for-Cancer-Research San Diego, CA, USA April 12 -16,  
2008; 20080412  
SPONSOR: Amer Assoc Canc Res  
ISSN: 0197-016X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0020430682 BIOSIS NO.: 200800477621

L-selectin-mediated lymphocyte-cancer cell interactions under low fluid shear conditions  
AUTHOR: Resto Vicente A; Burdick Monica M; Dagia Nilesh M; McCammon Susan D ; Fennewald Susan M; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Univ, Skin Dis Res Ctr, 77 Ave Louis Pasteur, Rm 671, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Biological Chemistry 283 (23): p15816-15824 JUN 6 2008  
2008  
ITEM IDENTIFIER: doi:10.1074/jbc.M708899200  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0020118956 BIOSIS NO.: 200800165895  
Ex vivo glycan engineering of CD44 programs human multipotent mesenchymal stromal cell trafficking to bone  
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W; Dagia Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, 75 Francis St, Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Nature Medicine 14 (2): p181-187 FEB 2008 2008  
ITEM IDENTIFIER: doi:10.1038/nm1703  
ISSN: 1078-8956  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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0019598682 BIOSIS NO.: 200700258423  
HCELL is the major E- and L-selectin ligand expressed on human hematopoietic progenitor cells and colon carcinoma cells.  
AUTHOR: Chu Julia T (Reprint); Burdick Monica M; Sackstein Robert  
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Med, Boston, MA 02115 USA\*\* USA  
JOURNAL: Blood 108 (11, Part 1): p477A-478A NOV 16 2006 2006  
CONFERENCE/MEETING: 48th Annual Meeting of the American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006; 20061209  
SPONSOR: Amer Soc Hematol  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Poster  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19252010 BIOSIS NO.: 200600597405  
Expression of HCELL confers shear-resistant E- and L-  
selectin ligand activity on colon carcinoma cells  
AUTHOR: Burdick Monica M (Reprint); Chu Julia T; Knoblauch Christine A;  
Sackstein Robert  
AUTHOR ADDRESS: Brigham and Womens Hosp, Boston, MA 02115 USA\*\*USA  
JOURNAL: Proceedings of the American Association for Cancer Research Annual  
Meeting 47 p801 APR 2006 2006  
CONFERENCE/MEETING: 97th Annual Meeting of the  
American-Association-for-Cancer-Research (AACR) Washington, DC, USA April  
01 -05, 2006; 20060401  
SPONSOR: Amer Assoc Canc Res  
ISSN: 0197-016X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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19125608 BIOSIS NO.: 200600471003  
HCELL is the major E- and L-selectin ligand expressed on  
LS174T colon carcinoma cells  
AUTHOR: Burdick Monica M; Chu Julia T; Godar Samuel; Sackstein Robert  
(Reprint)  
AUTHOR ADDRESS: Harvard Univ, Inst Med, 77 Ave Louis Pasteur,Rm 671,  
Boston, MA 02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Biological Chemistry 281 (20): p13899-13905 MAY 19  
2006 2006  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18669741 BIOSIS NO.: 200600015136  
CD44 on LS174T colon carcinoma cells possesses E-selectin ligand activity  
AUTHOR: Hanley William D; Burdick Monica M; Konstantopoulos Konstantinos;  
Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Inst Med, 77 Ave Louis Pasteur,Room 671, Boston, MA  
02115 USA\*\*USA  
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu  
JOURNAL: Cancer Research 65 (13): p5812-5817 JUL 1 2005 2005  
ISSN: 0008-5472  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/10 (Item 10 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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18075717 BIOSIS NO.: 200400443636

The bone marrow is akin to skin: HCELL and the biology of hematopoietic stem cell homing  
AUTHOR: Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Inst Med, Harvard Univ, 77 Ave Louis Pasteur, Room 671, Boston, MA, 02115, USA\*\*USA  
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu  
JOURNAL: Journal of Investigative Dermatology Symposium Proceedings 9 (3): p215-223 September 2004 2004  
MEDIUM: print  
ISSN: 1087-0024 -(ISSN print)  
DOCUMENT TYPE: Article; Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/11 (Item 11 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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17794738 BIOSIS NO.: 200400162079  
CD44/HCELL is an E- and L-selectin ligand on murine hematopoietic progenitor cells.  
AUTHOR: Cain Derek W (Reprint); Schreiber Taylor H (Reprint); Dimitroff Charles J (Reprint); Chung Christine (Reprint); Otero Jaclyn (Reprint); Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA\*\*USA  
JOURNAL: Blood 102 (11): p180b November 16, 2003 2003  
MEDIUM: print  
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/12 (Item 12 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16806841 BIOSIS NO.: 200200400352  
Expression of selectin ligands on blasts from human acute leukemias  
AUTHOR: Sackstein R; Dimitroff C; Lee J  
JOURNAL: Experimental Hematology (Charlottesville) 30 (6 Supplement 1): p 81 June, 2002 2002  
MEDIUM: print  
CONFERENCE/MEETING: 31st Annual Meeting of the International Society for Experimental Hematology Montreal, Quebec, Canada July 05-09, 2002; 20020705  
ISSN: 0301-472X  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Citation  
LANGUAGE: English

8/3/13 (Item 13 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16627075 BIOSIS NO.: 200200220586  
Homing and hematopoiesis: HCELL is the principal E-selectin and  
L-selectin ligand of human hematopoietic stem cells  
AUTHOR: Sackstein Robert (Reprint); Dimitroff Charles J (Reprint); Lee Jack  
Y (Reprint); Fuhlbrigge Robert C (Reprint); Parmar Kalindi; Mauch Peter M  
; Sandmaier Brenda M  
AUTHOR ADDRESS: Dermatology and Medicine, Brigham and Women's Hospital,  
Boston, MA, USA\*\*USA  
JOURNAL: Blood 98 (11 Part 1): p710a November 16, 2001 2001  
MEDIUM: print  
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of  
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207  
SPONSOR: American Society of Hematology  
ISSN: 0006-4971  
DOCUMENT TYPE: Meeting; Meeting Abstract  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/14 (Item 14 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
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16567681 BIOSIS NO.: 200200161192  
Differential L-selectin binding activities of human  
hematopoietic cell L-selectin ligands, HCELL and PSGL-1  
AUTHOR: Dimitroff Charles J; Lee Jack Y; Schor Kenneth S; Sandmaier Brenda  
M; Sackstein Robert (Reprint)  
AUTHOR ADDRESS: Harvard Institutes of Medicine, Harvard Skin Disease  
Research Center, 77 Ave. Louis Pasteur, Boston, MA, 02115, USA\*\*USA  
JOURNAL: Journal of Biological Chemistry 276 (50): p47623-47631 December  
14, 2001 2001  
MEDIUM: print  
ISSN: 0021-9258  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

8/3/15 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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148198515 CA: 148(9)198515n PATENT  
A method of modulating expression of selectin ligands on cells by  
modulating cytokine induction of glycosylation enzymes, and uses thereof  
INVENTOR(AUTHOR): Sackstein, Robert  
LOCATION: USA  
PATENT: PCT International ; WO 200811094 A2 DATE: 20080124  
APPLICATION: WO 2007US16352 (20070718) \*US 2006PV831525 (20060718)  
PAGES: 61pp. CODEN: PIXXD2 LANGUAGE: English  
PATENT CLASIFICATIONS:

IPC8/8 + Level	Value	Position	Status	Version	Action	Source	Office:
C12N-0005/06	A	I	F	B	20060101	H	EP
A61K-0038/19	A	I	L	B	20060101	H	EP
A61K-0038/20	A	I	L	B	20060101	H	EP
A61K-0038/17	A	I	L	B	20060101	H	EP
A61K-0039/395	A	I	L	B	20060101	H	EP
A61P-0029/00	A	I	L	B	20060101	H	EP
A61P-0035/00	A	I	L	B	20060101	H	EP
A61P-0009/10	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GO; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/16 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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145342289 CA: 145(17)342289z PATENT

HCELL (hematopoietic cell E-selectin/L-selectin ligand) glycoforms of CD44, a method of increasing the stem cell affinity for selectin, and therapeutic uses

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20060210558 A1 DATE: 20060921

APPLICATION: US 2005272453 (20051110) \*US 2000PV240987 (20001018) \*US 2001PV297474 (20010611) \*US 200142421 (20011018) \*US 2004PV627464 (20041112) \*US 2005PV673982 (20050422)

PAGES: 70pp., Cont.-in-part of U.S. Ser. No. 42,421. CODEN: USXXCO

LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 424140100

IPC8/ + Level Value Position Status Version Action Source Office:

A61K-0039/00 A I F B 20060101 20060921 H US

A61K-0039/395 A I L B 20060101 20060921 H US

C12N-0005/08 A I L B 20060101 20060921 H US

C07K-0014/705 A I L B 20060101 20060921 H US

8/3/17 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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145096397 CA: 145(6)96397w PATENT

CD44 glycoforms HCELLS (hematopoietic cell E-selectin/L-selectin ligands), and uses for isolating stem cells and treating and diagnosing disorders

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200668720 A2 DATE: 20060629

APPLICATION: WO 2005US40652 (20051110) \*US 200142421 (20011018) \*US 2004PV627464 (20041112) \*US 2005PV673982 (20050422)

PAGES: 137 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPC8/ + Level Value Position Status Version Action Source Office:

A61K-0048/00 A I F B 20060101 H US

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH

; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;  
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;  
MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;  
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/18 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142480790 CA: 142(26)480790v PATENT

Antibodies to HCELL glycoform of CD44

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200546597 A2 DATE: 20050526

APPLICATION: WO 2004US37138 (20041108) \*US 2003PV518353 (20031107)

PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;  
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ  
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;  
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; MC;  
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;  
MR; NE; SN; TD; TG

8/3/19 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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137017447 CA: 137(2)17447w PATENT

Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods  
of use thereof

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200244342 A2 DATE: 20020606

APPLICATION: WO 2001US51014 (20011018) \*US PV240987 (20010118) \*US  
PV297474 (20010611)

PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-000/A

DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK  
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR  
?